

Weekly update Clonakilty Dairy – 14 August 2016

Tetraploid swards (2.75 cows/ha)

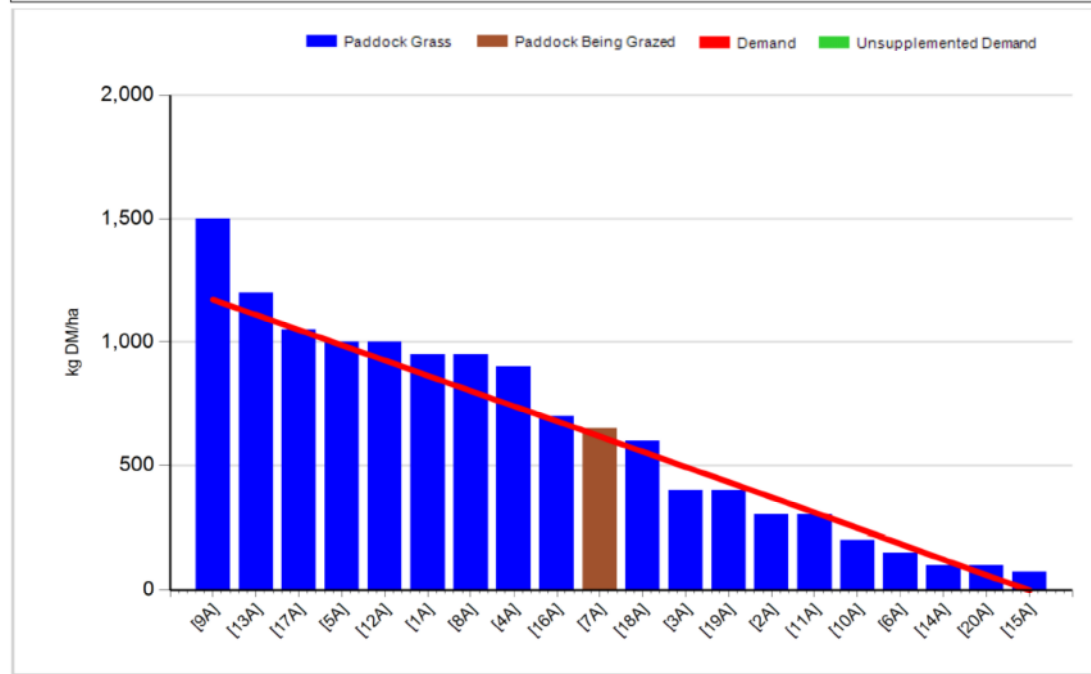
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|-----------------------|------------------------|
| Group: | Cover Date: 15/08/2016 |
| Farm: Clonakilty Farm | Treatment: T |

Management Decisions

| | | | |
|-----------------------------------|------|-------------------------|-----|
| Rotation Length (days): | 25 | Silage Fed (kg DM/cow): | 0.0 |
| Grass Allocation/Cow (kg DM/cow): | 17.0 | Residual Height (cm): | 4.0 |
| No. of Cows: | 30 | | |
| Concentrate Fed (kg/cow): | 0.0 | | |

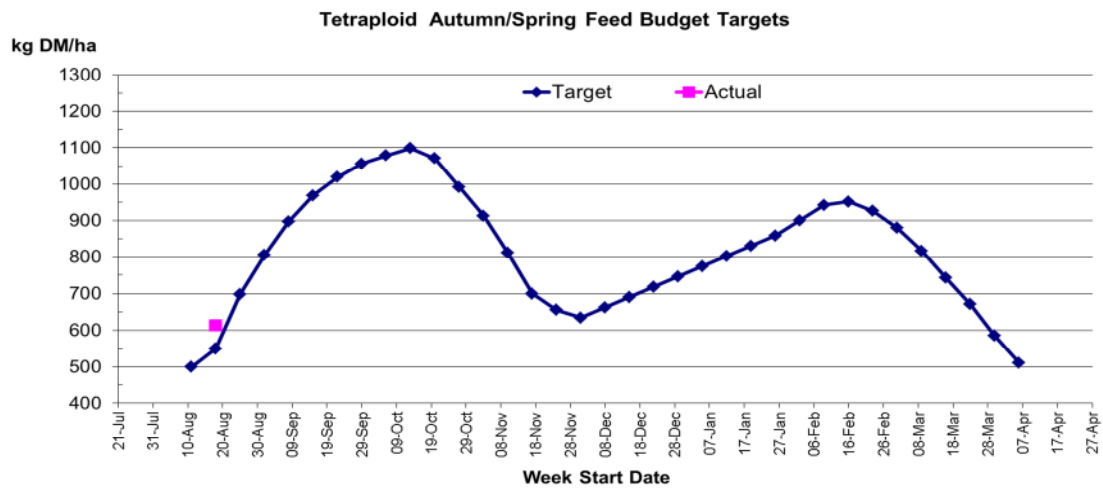
Cover Parameters

| | | | |
|---------------------------------|------|--------------------------------------|------|
| Grass Allocation/LU (kg DM/LU): | 17.0 | Growth Rate: | 58 |
| Total Livestock (LU): | 30.0 | Farm Demand (kg DM/ha/day): | 47 |
| Farm Cover (kg DM/ha): | 613 | Target Pre-grazing yield (kg DM/ha): | 1173 |
| Farm Cover (kg DM/LU): | 222 | Days Ahead: | 13 |
| Stocking Rate (LU/ha): | 2.76 | LW/ha (Liveweight/ha): | 0 |



1. We have 30 cows milking in this group.
2. Average farm cover (AFC) is 613 kg DM/ha (200 kg DM/LU).
3. Growth rate last week was 58 kg DM/ha per day.
4. Stocking rate is 2.76 LU/ha and demand is 47 kg DM/ha per day.
5. We cut paddock 20 and paddock 6 last week. We now have all the area available for grazing and AFC should increase as growth rate should be higher than demand for the next few weeks. AFC is slightly above target (see budget below).
6. Pre-grazing yield is 1500 and we are allocating 17 kg DM of grass and no concentrate is being fed. Minerals (Mg, I, Se, Zn, Cu and Co) are being administered through the water.

7. Current milk yield for this group is 18.5 kg/day at 4.87% fat and 4.02% protein giving 1.64 kg milk solids/cow per day.



Tetraploid + clover swards (2.75 cows/ha)

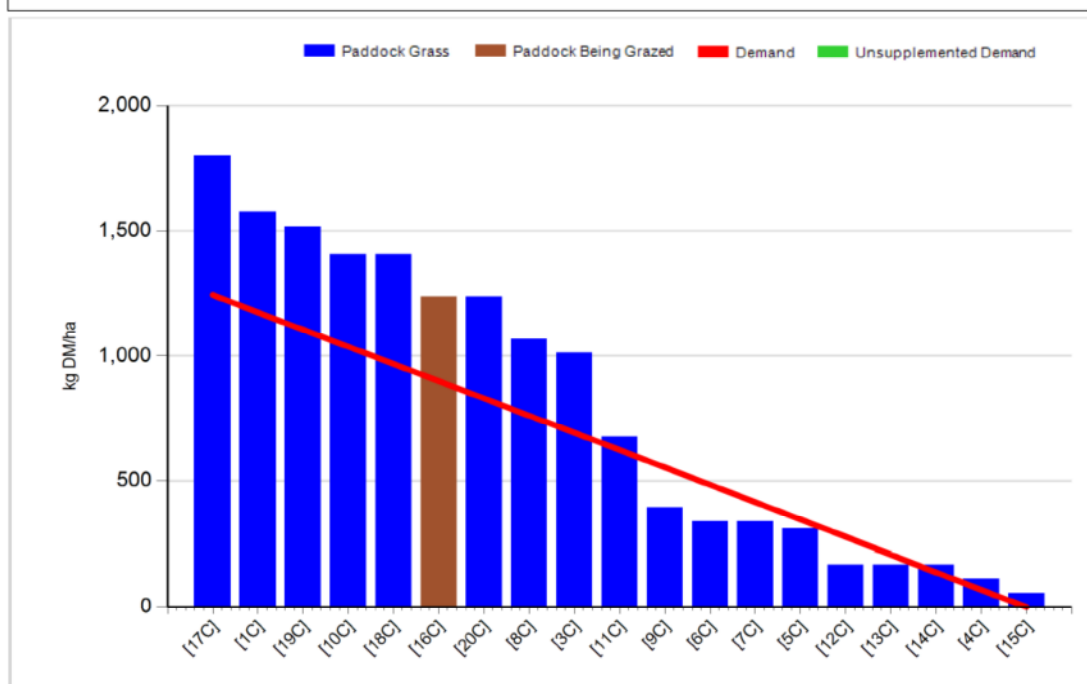
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|-----------------------|------------------------|
| Group: | Cover Date: 15/08/2016 |
| Farm: Clonakilty Farm | Treatment: TC |

Management Decisions

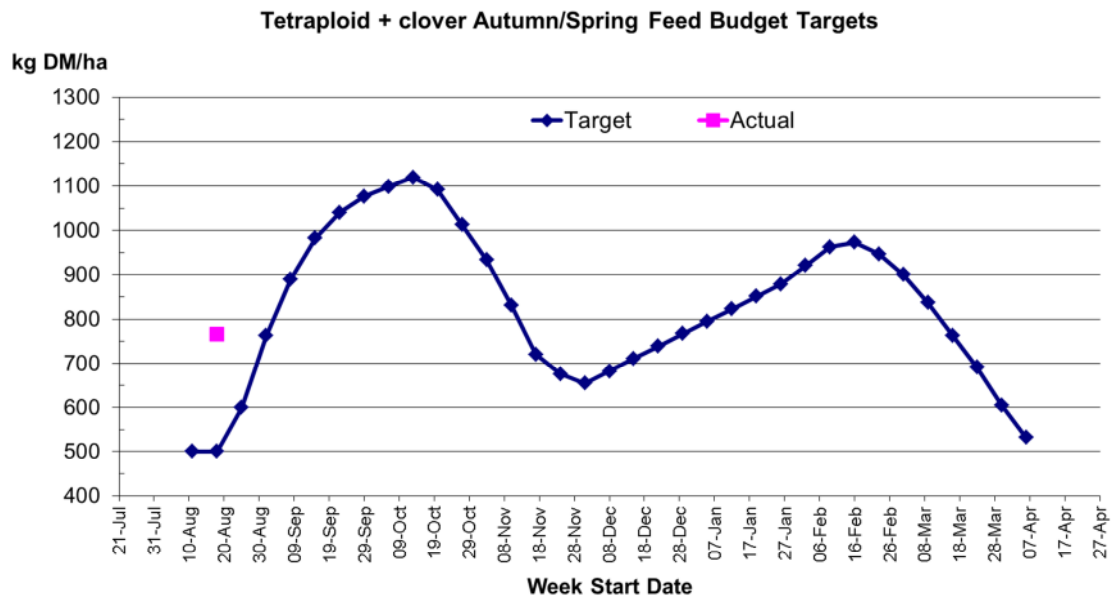
| | | | |
|-----------------------------------|------|-------------------------|-----|
| Rotation Length (days): | 25 | Silage Fed (kg DM/cow): | 0.0 |
| Grass Allocation/Cow (kg DM/cow): | 17.0 | Residual Height (cm): | 4.0 |
| No. of Cows: | 30 | | |
| Concentrate Fed (kg/cow): | 0.0 | | |

Cover Parameters

| | | | |
|---------------------------------|------|--------------------------------------|------|
| Grass Allocation/LU (kg DM/LU): | 17.0 | Growth Rate: | 91 |
| Total Livestock (LU): | 30.0 | Farm Demand (kg DM/ha/day): | 50 |
| Farm Cover (kg DM/ha): | 766 | Target Pre-grazing yield (kg DM/ha): | 1245 |
| Farm Cover (kg DM/LU): | 261 | Days Ahead: | 15 |
| Stocking Rate (LU/ha): | 2.93 | LW/ha (Liveweight/ha): | |



1. We have 30 cows calved and milking in this group.
2. Average farm cover (AFC) is 766 kg DM/ha (261 kg DM/LU).
3. Growth rate last week was 91 kg DM/ha per day.
4. Stocking rate is 2.93 LU/ha and demand is 50 kg DM/ha per day.
5. We cut paddock 6, 12 and 13 last week. Growth rate was well above demand last week so we have skipped paddock 2. We will cut this paddock as soon as possible. AFC is well above target and growth rate is well above demand so we will see how things go for the next week, we may have to take out another paddock next week. It is getting a bit late to be taking out paddocks but we will take them out if we have to, we don't want to have to take out any paddocks after next week.
6. Pre-grazing yield is 1800 and we are allocating 17 kg DM of grass and no concentrate is being fed. Minerals (Mg, I, Se, Zn, Cu and Co) are being administered through the water.
7. Current milk yield for this group is 22.4 kg/day at 4.61% fat and 3.86% protein giving 1.89 kg milk solids/cow per day.



Whole farm update

1. We had 205 cows to calve this year. There are 180 cows being milked. All cows are calved. Some late calving cows were sold before they calved, some were sold after calving and some culls went to the factory.
2. Latest results from the processor 4.49% fat, 3.90% protein, 4.79% lactose and 98 SCC, TBC 3. Average bodyweight of milking cows is 525 kg and average body condition score is 2.89.
3. Average farm cover on the general area is 638 kg DM/ha (244 kg DM/LU). Demand is 37 kg DM/ha per day and growth rate on the general area last week was 62 kg DM/ha per day. Stocking rate is 2.62 LU/ha. We cut paddock 39 last week. We are allocating 16 kg DM of grass and 1 kg of concentrate.
4. Breeding started on Monday the 25th of April. We had 96% of the cows submitted in 21 days and we had 88% of the heifers submitted in 12 days. We finished breeding on Friday the 15th of July. Initial scanning results are looking good for the cows with a six week in-calf rate of over 85%.